

| Ref # | Hits | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| L1    | 3    | ("6400148" "5884227" "5842149").pn.                     | US-PGPUB; USPAT        | OR               | ON      | 2005/04/12 17:13 |
| L2    | 3    | ("5666057"   "5698982"   "5703773").PN.                 | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/04/12 17:06 |
| L3    | 10   | ("5666057").URPN.                                       | USPAT                  | OR               | ON      | 2005/04/12 17:09 |
| L4    | 76   | ("6400148" "5884227" "5842149")                         | US-PGPUB; USPAT        | OR               | ON      | 2005/04/12 17:13 |
| L5    | 9    | ("6400148" "5884227" "5842149") and drawworks           | US-PGPUB; USPAT        | OR               | ON      | 2005/04/12 17:14 |
| L6    | 7    | ("6400148" "5884227" "5842149") and drawworks and alarm | US-PGPUB; USPAT        | OR               | ON      | 2005/04/12 17:14 |

|   | U | 1 | Document ID          | Issue Date | Pages |
|---|---|---|----------------------|------------|-------|
| 1 |   | X | US 20050030059<br>A1 | 20050210   | 27    |
| 2 |   | X | US 20040153245<br>A1 | 20040805   | 14    |
| 3 |   | X | US 20040098201<br>A1 | 20040520   | 17    |
| 4 |   | X | US 6727696 B2        | 20040427   | 18    |
| 5 |   | X | US 6662110 B1        | 20031209   | 11    |
| 6 |   | X | US 6233524 B1        | 20010515   | 32    |
| 7 |   | X | US 6233498 B1        | 20010515   | 15    |
| 8 |   | X | US 6206108 B1        | 20010327   | 33    |
| 9 |   | X | US 5842149 A         | 19981124   | 32    |

|          | <b>Title</b>  | <b>Current OR</b> | <b>Current XRef</b>                         |
|----------|---|-------------------|---|
| <b>1</b> | Multi-frequency focusing for MWD resistivity tools      | 324/323           | 324/800                                     |
| <b>2</b> | Automated rig control management system                 | 702/9             |   |
| <b>3</b> | Multi-frequency focusing for MWD resistivity tools      | 702/7             |   |
| <b>4</b> | Downhole NMR processing                                 | 324/303           |   |
| <b>5</b> | Drilling rig closed loop controls                       | 702/6             | 175/45;<br>702/9                            |
| <b>6</b> | Closed loop drilling system                             | 702/9             |   |
| <b>7</b> | Method of and system for increasing drilling efficiency | 700/174           | 700/195;<br>700/83;<br>702/45;<br>73/152.52 |
| <b>8</b> | Drilling system with integrated bottom hole assembly    | 175/24            | 175/40;<br>175/45;<br>175/61                |
| <b>9</b> | Closed loop drilling system                             | 702/9             |   |